

Table S1. Average monthly breakdown of weather parameters.

2016-2022	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature (°C) AVG: 12	1	4	7	12	15	21	22	22	17	12	6	3
Precipitation (mm) SUM: 594	25	26	27	26	85	63	72	65	67	54	46	37
Sunshine duration (hours) SUM: 2455	93	136	208	259	263	316	316	283	241	171	94	77
Solar irradiance (kJ/m2) SUM: 4 684 884	101 667	175 126	321 607	531 745	606 839	710 422	704 531	596 590	438 774	268 241	130 844	98 498
Relative humidity (%) AVG: 70	78	70	61	58	68	63	62	65	70	77	84	81
Number of days with precipitation above 0.25mm SUM: 93	9	8	6	7	13	9	11	8	8	10	10	11

Table S2. Annual breakdown of weather parameters.

Year	Temperature (°C)	Precipitation (mm)	Sunshine duration (hours)	Solar irradiance (kJ/m2)	Relative humidity (%)
1	10.9	578.3	2 383	4 674 094	71
2	11.2	617.3	2 270	4 631 248	71
3	12.8	662.4	2 589	4 947 175	70
4	12.5	603.0	2 463	4 775 909	70
5	11.6	606.8	2 428	4 796 732	71
6	11.7	493.4	2 597	4 284 145	66
Average	11.8	593.5	2 455	4 684 884	70